

# N3224P-ON/N3224F-ON

## Front Panel Schematic

(1) Stacking LED	(2) System LED	(3) Power LED
(4) FAN LED	(5) Beacon LED	(6) 7-DIGIT Stack LED
(7) 10G Cu port	(8) 25GbE SFP28	(9) Reset button
(10) Micro-USB	(11) USB port	(12) Console port
(13) Management Ethernet port	-	-

## Rear Panel Schematic

(1) PSU1	(2) PSU2	(3) FAN1
(4) FAN2	(5) FAN3	(6) HiGig2 stacking ports (QSFP28)

## Switch System Characteristics

Mechanical Dimension	Standard 1U chassis height
Management-ethernet port	1
Console port	1
10G Cu port	24
25GbE SFP28	4
Power LED	1
Stacking LED	1
FAN LED	1
System LED	1
Beacon LED	1
7-DIGIT Stack LED	1
10G Cu port LED	1 x 24
25GbE SFP28 LED	2 x 4
HiGig2 stacking ports (QSFP28)	2
HiGig2 stacking ports (QSFP28) LED	4 x 2
Micro-USB	1
USB port	1
Reset button	1
PSU	2
FAN	3

### \*PoE

- The 24 RJ45 ports on the front panel of N3224P-ON support PoE but N3224F-ON doesn't support. For these PoE ports, the maximum output power can be set to up to 30 watts.
- See the link [PoE Configuration Commands](#) for PoE command reference, the following PoE commands are not supported on N3224P-ON:

**set poe interface max-power**

**set poe interface detection-type**

**set poe interface mode**

**set poe interface threshold-mode**

**set poe power management-mode**

#### **25GbE SFP28 Port**

Ports Te-1/1/25, Te-1/1/26, Te-1/1/27 and Te-1/1/28 are a group of ports, you should manually configure the port speed for these four ports by using the set interface gigabit-ethernet speed command before inserting an optical module. When configuring the rate, the supported port rates are 25 Gbit/s, 10 Gbit/s, and 1 Gbit/s. The four ports can be configured with the same port rate or different rate. When configured at different port rates, 10G and 1G can coexist, but 25G cannot coexist with other rates. The following table gives several cases of speed setting for this group of ports.

	te-1/1/25	te-1/1/26	te-1/1/27	te-1/1/28	Allowed or not allowed
case #1	10 G	10G	10G	10G	
case #2	1G	1G	1G	1G	
case #3	25G	25G	25G	25G	
case #4	1G	10G	1G	10G	
case #5	25G	1G	25G	25G	X
case #6	25G	10G	25G	10G	X
case #7	25G	1G	10G	25G	X

Note: If the port rate is set to 25 Gbit/s, but a 10 Gbit/s optical module is inserted, the port cannot go up.

#### **HiGig2 stacking ports**

N3224P-ON has one slot for QSFP module at the rear side which can be plugged in 2 x 100G QSFP modules. The port numbers of the QSFP module are x-1/1/1 and xe-1/1/2. They can be used as normal 100G QSFP28 ports.